



Attorney Docket No. 532 P 061  
7236932v2

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Michael M. Barlow	)	
	)	
Application No. 10/713,635	)	Examiner: Chester T. Barry
	)	
Confirmation No. 2432	)	Art Unit: 1724
	)	
Filed November 14, 2003	)	
	)	
For: High Capacity Portable Exchange Single	)	
Bed Deionizer	)	

**PAYMENT OF ISSUE AND PUBLICATION FEES AND  
COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

MAIL STOP ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

Enclosed is our check in the amount of \$1,000 to cover the payment of the Issue and Publication Fees due January 5, 2006. Please charge any additional fees or credit any overpayment to Deposit Account No. 23-0280. A duplicate copy of this paper is enclosed.

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

This is a statement on the Examiner's Statement of Reasons for Allowance. The Examiner contended that Applicant had defined "mixed bed resin" as a blend of cationic and anionic resin in an equivalent ratio of 1:1.

This definition is incomplete, and is not Applicant's definition. The statement cited by the Examiner appears under the "Background of the Invention" section of the application.

Rather, Applicant defines the term "mixed bed resin" under the "Summary of the Invention" and "Detailed Description of a Preferred Embodiment of the Invention" sections of the application.


Particularly, at page 4, lines 22-25, Applicant discloses that "the cationic and anionic resin components are in a consistent 1:1 equivalent (40%-60% by volume) mixture. Thus, the resins are exhausted uniformly in a 1:1 ratio, providing almost neutral pH in a perfectly deionized water."

Moreover, Applicant disclosed the nature of the "mixed bed resin" at page 6, lines 19-22, as follows: "The mixed bed resin 14 is *typically* a cationic/anionic mixture, and has volume percentages of about 40% cationic and 60% anionic. However, any suitable water-purifying ion exchange resin or mixture of resins may be used instead of the preferred 40% cationic and 60% anionic mixed bed resin 14" (emphasis added).

The claims must be construed in accordance with this disclosure, in the body of the application. The claims as thus construed are patentable over the prior art.

Respectfully submitted,

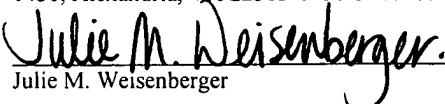
Date: January 4, 2006

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**CERTIFICATE UNDER (37 C.F.R. § 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: MAIL STOP ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 4, 2006.

  
Julie M. Weisenberger